



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Thumpudi et al.

Application No. 10/622,822

Filed: July 18, 2003

Confirmation No. 3034

For: CONSTANT BITRATE MEDIA  
ENCODING TECHNIQUES

Examiner: Susan McFadden

Art Unit: 2626

Attorney Reference No. 3382-66124-01

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: MAIL STOP RCE, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

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**PURSUANT TO 37 C.F.R. § 1.97(b)(4)**

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

Copies of United States patents and United States published patent applications do not have to be provided to the Patent Office (37 C.F.R. 1.98(a)(2)(ii)). Copies of unpublished U.S. applications do not have to be provided, as long as the application is available on PAIR, as this requirement of 37 C.F.R. § 1.98(a)(2)(iii) has been waived by the United States Patent and Trademark Office pursuant to the Official Gazette Notice on October 19, 2004 (1287 OG 163). Applicants will provide copies of such patents or applications upon request.

Applicants filed this Information Disclosure Statement ("IDS") before the mailing of a first Office action after the filing of a request for continued examination. As a result, no fee should be required to file this IDS. However, if the Patent Office determines that a fee is


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The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

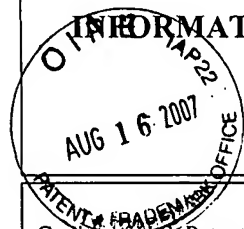
Respectfully submitted,

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First Named Inventor	Thumpudi
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Examiner Name	Susan McFadden

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

## U.S. PATENT DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
		4,802,224	1.31.1989	Shiraki et al.
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Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
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Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
		Hsu et al., "Joint Selection of Source and Channel Rate for VBR Video Transmission Under ATM Policing Constraints," <i>IEEE Journal on Selected Areas in Communications</i> , Vol. 15, No. 6, pp. 1016-1028 (August 1997).
		Pao, "Encoding Stored Video for Streaming Applications," <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , Vol. 11, No. 2, pp. 199-209 (February 2001).
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		Reibman et al., "Constraints on Variable Bit-rate Video for ATM Networks," <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , No. 4, pp. 361-372 (1992).
		Sheu et al., "A Buffer Allocation Mechanism for VBR Video Playback," <i>Communication Tech. Proc. 2000, WCC-ICCT 2000</i> , Vol. 2, pp. 1641-1644 (2000).
		Walpole et al., "A Player for Adaptive MPEG Video Streaming over the Internet," <i>Proc. SPIE</i> , Vol. 3240, pp. 270-281 (1998).

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